

PATENT/DOCKET NO. 10/593,108
CUSTOMER NO. 23644

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	§	Attorney Docket No. <u>920476-104020</u>
	§	
Serial No.: 10/593,108	§	
	§	
Filed: April 6, 2005	§	Group Art Unit:
	§	
Title: "Differential Forwarding in Address-Based Carrier Networks"	§	§ Examiner: n/a
	§	

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY FOR
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

Nortel Networks Limited
2351 Boulevard Alfred-Nobel
St. Laurent, Quebec H4S 2A9, Canada

the owner by assignment of the entire right, title and interest to the invention for "Differential Forwarding in Address-Based Carrier Networks", by R Friskney, N Bragg, S Parry, P Ashwood-Smith, D Allan and S Brueckheimer, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment (check as applicable):

- ☒ Recorded Concurrently Herewith
- ☐ Recorded on _____
- ☐ Recorded at Reel _____ Frame _____
- ☐ Copy Attached

hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

the practitioners associated with Customer Number 23644

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and

to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.



3 January 2007

Date

NORTEL NETWORKS LIMITED

Daniel Hermele

Name:

Barrister

Title

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Robert Friskney

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other

Execution Date: November 13, 2006

2. Name and address of receiving party(ies):

Name: Nortel Networks Limited

Internal Address: _____

Street Address: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec,
Canada, H4S 2A9Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/593,108

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William M. Lee, Jr.Internal Address: Barnes & ThornburgStreet Address: P.O. Box 2786City: Chicago State: Illinois Zip: 60690-2786

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

12-0913

(Attach duplicate copy of this form if paying by deposit account.)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William M. Lee, Jr.

Name of Person Signing

Signature

April 13, 2007

Date

Total number of pages including cover sheet, attachments and document Do not detach this portion
Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

L4/19/2007 GFREY1 02000122 10593108

CP F018021

40.00 0P

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
St. Laurent, Quebec
Canada, H4S 2A9

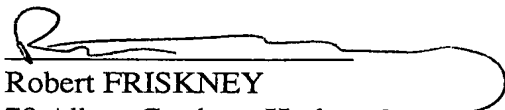
all their right, title, and interest worldwide in and to the invention relating to


Differential Forwarding in Address-Based Carrier Networks

as described in an application for letters patent filed concurrently herewith or filed in United States on and given serial number 10/593,108, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes Nortel's Intellectual Property Law Group to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.


Robert FRISKNEY
78 Albert Gardens, Harlow,
Essex, CM17 9QG, UK


Witness Signature

13/11/2006
(insert Date)

K. LEGATE
Witness Name (Print)

Nigel BRAGG
Homewards, Chapel Road,
Weston Colville, Cambridgeshire,
CB1 5NX, UK

(insert Date)

Witness Signature

Witness Name (Print)

Simon PARRY
15 Mallows Green Road, Manuden,
Bishops Stortford, Essex, CM23 1DG,
UK

(insert Date)

Witness Signature

Witness Name (Print)

Peter ASHWOOD SMITH
20 Des Genevriers, Gatineau,
Quebec, J9A 2V8, Canada

(insert Date)

Witness Signature

Witness Name (Print)

David ALLAN
852 Forest St., Ottawa,
Ontario, K2B 5P9, UK

(insert Date)

Witness Signature

Witness Name (Print)

Simon BRUECKHEIMER
74 Church Crescent, London,
N10 3NE, UK

(insert Date)

Witness Signature

Witness Name (Print)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nigel Bragg, Simon Parry, Simon Brueckheimer

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other

Execution Dates: November 6, 2006, November 3, 2006, December 7, 2006

2. Name and address of receiving party(ies):

Name: Nortel Networks Limited

Internal Address: _____

Street Address: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec,
Canada, H4S 2A9Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/593,108

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William M. Lee, Jr.Internal Address: Barnes & ThornburgStreet Address: P.O. Box 2786City: Chicago State: Illinois Zip: 60690-2786

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

12-0913

(Attach duplicate copy of this form if paying by deposit account.)

DO NOT USE THIS SPACE

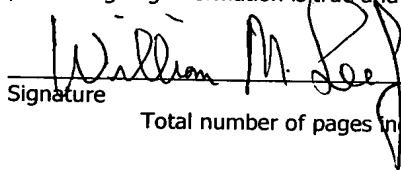
9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William M. Lee, Jr.

Name of Person Signing

Signature

April 13, 2007

Date

Total number of pages including cover sheet, attachments and document

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

04/19/2007 GFREY1 00000122 10593108

03 FC:0021

40.00 0P

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
St. Laurent, Quebec
Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

Differential Forwarding in Address-Based Carrier Networks

as described in an application for letters patent filed concurrently herewith or filed in United States on and given serial number 10/593,108, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes Nortel's Intellectual Property Law Group to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

Robert FRISKNEY
78 Albert Gardens, Harlow,
Essex, CM17 9QG, UK

(insert Date)

Witness Signature

Witness Name (Print)

Nigel H Bragg
Nigel BRAGG
Homewards, Chapel Road,
Weston Colville, Cambridgeshire,
CB1 5NX, UK

Simon Parry
Witness Signature

Simon Parry
Simon PARRY
15 Mallows Green Road, Manuden,
Bishops Stortford, Essex, CM23 1DG,
UK

C. Ransden
Witness Signature

Peter ASHWOOD SMITH
20 Des Genevriers, Gatineau,
Quebec, J9A 2V8, Canada

Witness Signature

David ALLAN
852 Forest St., Ottawa,
Ontario, K2B 5P9, UK

Witness Signature

S. Brueckheimer
Simon BRUECKHEIMER
74 Church Crescent, London,
N10 3NE, UK

P. Coleman
Witness Signature

2

06-11-06
(insert Date)

SIMON PARRY
Witness Name (Print)

3 NOV 2006
(insert Date)

C. RANSDEN
Witness Name (Print)

(insert Date)

Witness Name (Print)

(insert Date)

Witness Name (Print)

7/12/6
(insert Date)

CATHARINE COLEMAN
Witness Name (Print)

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Peter Ashwood-Smith, David Allan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other

Execution Dates: November 21, 2006, November 2, 2006

2. Name and address of receiving party(ies):

Name: Nortel Networks Limited

Internal Address: _____

Street Address: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec,
Canada, H4S 2A9Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/593,108

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William M. Lee, Jr.Internal Address: Barnes & ThornburgStreet Address: P.O. Box 2786City: Chicago State: Illinois Zip: 60690-2786

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

12-0913

(Attach duplicate copy of this form if paying by deposit account.)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William M. Lee, Jr.

Name of Person Signing

Signature

April 13, 2007

Date

Total number of pages including cover sheet, attachments and document

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

04/19/2007 GFREY1 00000122 10593108

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

FC:0021

40.00 0

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel
St. Laurent, Quebec
Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

Differential Forwarding in Address-Based Carrier Networks

as described in an application for letters patent filed concurrently herewith or filed in United States on and given serial number 10/593,108, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes Nortel's Intellectual Property Law Group to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

Robert FRISKNEY
78 Albert Gardens, Harlow,
Essex, CM17 9QG, UK

(insert Date)

Witness Signature

Witness Name (Print)

 Nigel BRAGG
 Homewards, Chapel Road,
 Weston Colville, Cambridgeshire,
 CB1 5NX, UK

 (insert Date)

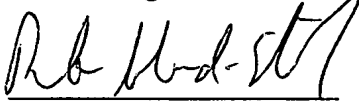
 Witness Signature

 Witness Name (Print)

 Simon PARRY
 15 Mallows Green Road, Manuden,
 Bishops Stortford, Essex, CM23 1DG,
 UK

 (insert Date)

 Witness Signature

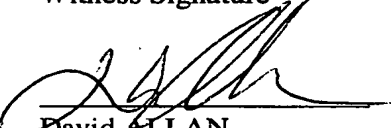

 Peter ASHWOOD SMITH
 20 Des Genevriers, Gatineau,
 Quebec, J9A 2V8, Canada

 Witness Name (Print)

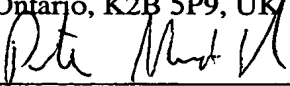
Nov 2 / 2006
 (insert Date)


 Witness Signature

DAVID ALLAN
 Witness Name (Print)


 David ALLAN
 852 Forest St., Ottawa,
 Ontario, K2B 5P9, UK

Nov 2 / 2006
 (insert Date)


 Witness Signature

Peter Ashwood-Smith
 Witness Name (Print)

 Simon BRUECKHEIMER
 74 Church Crescent, London,
 N10 3NE, UK

 (insert Date)

 Witness Signature

 Witness Name (Print)